## INTERNATIONAL SEARCH REPORT

International application No.

		PCT/JP2	005/005922
	CATION OF SUBJECT MATTER B01D53/04, F25J3/04		
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	ernational Patent Classification (IPC) or to both national	Classification and 1rC	<del></del>
B. FIELDS SE	EARCHED nentation searched (classification system followed by cla	ssification symbols)	
	B01D53/04, F25J3/04	ssincadon symbolis	
Jitsuyo	——————————————————————————————————————	t that such documents are included in the Isuyo Shinan Toroku Koho Toku Jitsuyo Shinan Koho	tields searched 1996-2005 1994-2005
Electronic data t	pase consulted during the international search (name of d	ata base and, where practicable, search te	erms used)
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	JP 4-257688 A (Hitachi, Ltd.) 11 September, 1992 (11.09.92) (Family: none)		1-9
A	JP 10-225610 A (Kawasaki Steel Corp.), 25 August, 1998 (25.08.98), (Family: none)		1-9
<b>A</b>	JP 2002-168561 A (Kobe Steel, Ltd.), 14 June, 2002 (14.06.02), (Family: none)		1-9
Further documents are listed in the continuation of Box C.		See patent family annex.	maticust filing data as mignitus
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered		"T" later document published after the inte date and not in conflict with the applica- the principle or theory underlying the i	ation but cited to understand
to be of particular relevance  "E" earlier application or patent but published on or after the international filing date		"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		combined with one or more other such documents, such combination being obvious to a person skilled in the art  "&" document member of the same patent family	
Date of the actual completion of the international search 06 May, 2005 (06.05.05)		Date of mailing of the international search report 24 May, 2005 (24.05.05)	
Name and mailing address of the ISA/		Authorized officer	
Japanese Patent Office		T 1 1 - N	
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